

2018 Current Fiscal Year Report: Proposal Review Panel for Emerging Frontiers and Multidisciplinary Activities

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1. Department or Agency

National Science Foundation

2. Fiscal Year

2018

3. Committee or Subcommittee

Proposal Review Panel for Emerging Frontiers and Multidisciplinary Activities

3b. GSA

Committee No.

34558

4. Is this New During Fiscal Year?

No

5. Current Charter

03/02/2018

6. Expected Renewal Date

03/02/2020

7. Expected Term Date

8a. Was Terminated During Fiscal Year?

No

8b. Specific Termination Authority

8c. Actual Term Date

9. Agency Recommendation for Next Fiscal Year

Continue

10a. Legislation Req to Terminate?

Not Applicable

10b. Legislation Pending?

Not Applicable

11. Establishment Authority

12. Specific Establishment Authority

ADM

13. Effective Date

01/01/2001

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee

16a. Total Number of Reports

No Reports for this Fiscal Year

17a. Open Meetings and Dates 0 17b. Closed Meetings and Dates 9 17c. Partially Closed Meetings and Dates 0 17d. Total Meetings and Dates 9

Purpose

Start

End

Proposal Review

11/16/2017

- 11/17/2017

Proposal Review

11/20/2017

- 12/21/2017

Proposal Review

11/27/2017

- 12/28/2017

Proposal Review

11/28/2017

- 11/29/2017

Proposal Review

12/04/2017

- 12/05/2017

Proposal Review

12/06/2017

- 12/06/2017

Proposal Review

04/02/2018

- 04/03/2018

Proposal Review

04/09/2018

- 04/10/2018

Proposal Review

04/11/2018

- 04/12/2018

Number of Committee Meetings Listed: 9

Current FY Next FY

18a(1). Personnel Pmts to Non-Federal Members

\$98,840.00 \$99,000.00

18a(2). Personnel Pmts to Federal Members

\$0.00 \$0.00

18a(3). Personnel Pmts to Federal Staff	\$168,470.00	\$169,000.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$39,806.00	\$40,000.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$9,454.00	\$9,500.00
18d. Total	\$316,570.00	\$317,500.00
19. Federal Staff Support Years (FTE)	0.86	1.00

20a. How does the Committee accomplish its purpose?

The scope and objective are to advise the National Science Foundation (NSF) on the merit of proposals requesting financial support for research and research- related activities. The panel will review and evaluate proposals, which may include site visits, and provide written recommendations on proposals as part of the selection process for awards. The panel may evaluate and provide advice on the progress of awarded proposals.

20b. How does the Committee balance its membership?

Members will be selected to be representative of the scientific areas encompassed by the division's activities. Every effort is made to achieve a diverse membership with representation including individuals from underrepresented groups and different geographic regions.

20c. How frequent and relevant are the Committee Meetings?

Estimated Number of Meetings per Year - 12 Estimated, Total Meetings - 9

20d. Why can't the advice or information this committee provides be obtained elsewhere?

There is no other standing or ad hoc group that exists that has the blend of backgrounds –technical, institutional and personal—to provide the Office with the necessary technical review of the proposals being considered. Because of the complex nature of many of these proposals, the give-and-take discussion about each of the proposal which results from panel meetings is necessary for a thorough review.

20e. Why is it necessary to close and/or partially closed committee meetings?

To review proposal that include information of proprietary or confidential in nature, including technical information, financial data such as salaries; and personal information concerning individuals associated with the proposals.

21. Remarks

None

Designated Federal Officer

Sohi Rastegar Office Head, EFMA

Committee Members	Start	End	Occupation	Member Designation
Abaid, Nicole	10/01/2017	09/30/2018	Virginia Tech	Special Government Employee (SGE) Member
Akbari Hamed, Kaveh	10/01/2017	09/30/2018	San Diego State University	Special Government Employee (SGE) Member
Alsaleem, Fadi	10/01/2017	09/30/2018	University of Nebraska-Lincoln	Special Government Employee (SGE) Member
Atkeson, Christopher	10/01/2017	09/30/2018	Carnegie-Mellon University	Special Government Employee (SGE) Member
Bass, Hank	10/01/2017	09/30/2018	Florida State University	Special Government Employee (SGE) Member
Ben-Yakar, Adela	10/01/2017	09/30/2018	University of Texas at Austin	Special Government Employee (SGE) Member
Bonner, Robert	10/01/2017	09/30/2018	Independent Consultant	Special Government Employee (SGE) Member
Bossmann, Stefan	10/01/2017	09/30/2018	Kansas State University	Special Government Employee (SGE) Member
Brown, Jeremy	10/01/2017	09/30/2018	Johns Hopkins University	Special Government Employee (SGE) Member
Campagnola, Paul	10/01/2017	09/30/2018	University of Wisconsin-Madison	Special Government Employee (SGE) Member
Chen, Fei	10/01/2017	09/30/2018	MIT	Special Government Employee (SGE) Member
Chen, Zheng	10/01/2017	09/30/2018	University of Houston	Special Government Employee (SGE) Member
Clark, Clayton	10/01/2017	09/30/2018	Florida Agricultural and Mechanical Univ	Special Government Employee (SGE) Member
Clayton, Garrett	10/01/2017	09/30/2018	Villanova University	Special Government Employee (SGE) Member
Dalal, Yamini	10/01/2017	09/30/2018	National Cancer Institute	Regular Government Employee (RGE) Member
Dawe, R. Kelly	10/01/2017	09/30/2018	University of Georgia	Special Government Employee (SGE) Member
Demircan, Emel	10/01/2017	09/30/2018	California State University-Long Beach	Special Government Employee (SGE) Member
Dingwall, Andrew	10/01/2017	09/30/2018	Loyola University Stritch School of Medi	Special Government Employee (SGE) Member
Donahue, TJ	10/01/2017	09/30/2018	Cherry Creek High School	Special Government Employee (SGE) Member
Dowell, Robin	10/01/2017	09/30/2018	University of Colorado at Boulder	Special Government Employee (SGE) Member
Fichera, Loris	10/01/2017	09/30/2018	WPI	Special Government Employee (SGE) Member
Fordyce, Garie	10/01/2017	09/30/2018	Independent Consultant	Special Government Employee (SGE) Member
Greenberg, Andrew	10/01/2017	09/30/2018	University of Wisconsin- Madison	Special Government Employee (SGE) Member
Grunwald, David	10/01/2017	09/30/2018	UMass Medical School	Special Government Employee (SGE) Member

Hawkes, Elliot	10/01/2017 09/30/2018 UC Santa Barbara	Special Government Employee (SGE) Member
Hawkins, Gilbert	10/01/2017 09/30/2018 Independent Consultant	Special Government Employee (SGE) Member
Howe, Robert	10/01/2017 09/30/2018 Harvard University	Special Government Employee (SGE) Member
Howell, Larry	10/01/2017 09/30/2018 Brigham Young University	Special Government Employee (SGE) Member
Hu, Yuhang	10/01/2017 09/30/2018 University of Illinois at Urbana-Champaign	Special Government Employee (SGE) Member
Huderson, Ashley	10/01/2017 09/30/2018 ASME Washington Center	Special Government Employee (SGE) Member
Humayun, Mark	10/01/2017 09/30/2018 Usc Roski Eye Institute	Special Government Employee (SGE) Member
Hutchens, Shelby	10/01/2017 09/30/2018 U of Ill Urbana-Champaign	Special Government Employee (SGE) Member
Iida, Fumiya	10/01/2017 09/30/2018 University of Cambridge	Special Government Employee (SGE) Member
Jacullo-Noto, Joann	10/01/2017 09/30/2018 Columbia University	Special Government Employee (SGE) Member
Kumar, Manish	10/01/2017 09/30/2018 Univeristy of Cincinnati	Special Government Employee (SGE) Member
Laschi, Cecilia	10/01/2017 09/30/2018 Scuola Superiore Sant'Anna	Special Government Employee (SGE) Member
Martinez, Ramses	10/01/2017 09/30/2018 Purdue University	Special Government Employee (SGE) Member
McCombie, Richard	10/01/2017 09/30/2018 Cold Spring Harbor Laboratory	Special Government Employee (SGE) Member
Meisel, Dan	10/01/2017 09/30/2018 University of Notre Dame	Special Government Employee (SGE) Member
Motamedi, Massoud	10/01/2017 09/30/2018 University of Texas Medical Branch at Ga	Special Government Employee (SGE) Member
Mukherjee, Ranjan	10/01/2017 09/30/2018 Michigan State University	Special Government Employee (SGE) Member
Naseradinmousavi, Peiman	10/01/2017 09/30/2018 San Diego State University	Special Government Employee (SGE) Member
Petersen, Kirstin	10/01/2017 09/30/2018 Cornell University	Special Government Employee (SGE) Member
Popa, Dan	10/01/2017 09/30/2018 University of Louisville	Special Government Employee (SGE) Member
Richards, Eric	10/01/2017 09/30/2018 Boyce Thompson Institute Cornell	Special Government Employee (SGE) Member
Rossiter, Jonathan	10/01/2017 09/30/2018 University of Bristol	Special Government Employee (SGE) Member
Seaver, Mark	10/01/2017 09/30/2018 Independent Consultant	Special Government Employee (SGE) Member
Sharma, Nitin	10/01/2017 09/30/2018 U of Pittsburgh	Special Government Employee (SGE) Member
Smith, Irl	10/01/2017 09/30/2018 Independent Consultant	Special Government Employee (SGE) Member
Swensen, John	10/01/2017 09/30/2018 Washington State University	Special Government Employee (SGE) Member
Tang, Xin	10/01/2017 09/30/2018 University of Florida	Special Government Employee (SGE) Member
Trease, Brian	10/01/2017 09/30/2018 University of Toledo	Special Government Employee (SGE) Member
Voytas, Daniel	10/01/2017 09/30/2018 University of Minnesota-Twin Cities	Special Government Employee (SGE) Member

Wang, Yue	10/01/2017 09/30/2018	Clemson University	Special Government Employee (SGE) Member
Ware, Taylor	10/01/2017 09/30/2018	University of Texas at Dallas	Special Government Employee (SGE) Member
Wax, Adam	10/01/2017 09/30/2018	Duke University	Special Government Employee (SGE) Member
Wensing, Patrick	10/01/2017 09/30/2018	Notre Dame	Special Government Employee (SGE) Member
Zhang, Bin	10/01/2017 09/30/2018	Massachusetts Institute of Technology	Special Government Employee (SGE) Member
Zhang, Feitian	10/01/2017 09/30/2018	George Mason University	Special Government Employee (SGE) Member
Zhu, Weidong	10/01/2017 09/30/2018	University of Maryland Baltimore County	Special Government Employee (SGE) Member

Number of Committee Members Listed: 60

Narrative Description

The NSF mission is set out in the NSF Act of 1950 authorizes and directs the Agency to initiate and support: basic scientific research and research fundamental to the engineering process; and science and engineering education programs at all levels and in all fields of science and engineering. The involvement of knowledgeable peers from outside the Foundation in the review of proposals is the keystone of NSF's proposal review system. Their judgments of the extent to which proposals address the merit review criteria are vital for informing NSF staff and influencing funding recommendations.

What are the most significant program outcomes associated with this committee?

Checked if Applies

Improvements to health or safety	<input type="checkbox"/>
Trust in government	<input type="checkbox"/>
Major policy changes	<input type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input checked="" type="checkbox"/>
Improved service delivery	<input type="checkbox"/>
Increased customer satisfaction	<input type="checkbox"/>
Implementation of laws or regulatory requirements	<input type="checkbox"/>
Other	<input type="checkbox"/>

Outcome Comments

N/A

What are the cost savings associated with this committee?

Checked if Applies

None	<input type="checkbox"/>
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Unable to Determine	<input checked="" type="checkbox"/>
Under \$100,000	<input type="checkbox"/>
\$100,000 - \$500,000	<input type="checkbox"/>
\$500,001 - \$1,000,000	<input type="checkbox"/>
\$1,000,001 - \$5,000,000	<input type="checkbox"/>
\$5,000,001 - \$10,000,000	<input type="checkbox"/>
Over \$10,000,000	<input type="checkbox"/>
Cost Savings Other	<input type="checkbox"/>

Cost Savings Comments

Not Applicable

What is the approximate Number of recommendations produced by this committee for the life of the committee?

57

Number of Recommendations Comments

Recommendations made for this fiscal year.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

100%

% of Recommendations Fully Implemented Comments

Not Applicable

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

0%

% of Recommendations Partially Implemented Comments

N/A

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

Not Applicable

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

Reorganized Priorities	<input checked="" type="checkbox"/>
Reallocated resources	<input type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

Action Comments

N/A

Is the Committee engaged in the review of applications for grants?

Yes

What is the estimated Number of grants reviewed for approval	57
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What is the estimated Number of grants recommended for approval	17
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What is the estimated Dollar Value of grants recommended for approval	\$32,920,382
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Grant Review Comments

Not Applicable

How is access provided to the information for the Committee's documentation?

Checked if Applies

Contact DFO	<input checked="" type="checkbox"/>
Online Agency Web Site	<input checked="" type="checkbox"/>
Online Committee Web Site	<input type="checkbox"/>
Online GSA FACA Web Site	<input type="checkbox"/>
Publications	<input type="checkbox"/>
Other	<input type="checkbox"/>

Access Comments

N/A